Chief, FBIB 30 August 1948

Chief Engineer, FBIB

Plan for Wartime Organization

1. Suggest "Mobile" units be referred to as "Portable" units for emergency operation. Such a unit should consist of the following major items:

a. Semi truck with 20 foot long weatherproof trailer.
b. Antenna materials for construction of five Rhombic, three Beverage and five doublet antennae--minus poles.
c. 5KW gas engine driven generator.
d. 10 communications receivers.
e. Set of test equipment and tools.
f. Set of parts to build a control console. This console should be built up in advance into units which can be rapidly assembled.
g. Two signal standards, two side band selectors, two teletype machines, one McElroy tape recorder, five belt recorders and 8 transcribers.
h. 10 typewriters and set of office supplies.
i. Misc. parts and small equipment.

The primary source of power would be local power, but item "c" is added for emergency operation.

2. One each of the above units should be provided in advance of "attack day" for operation at the following places, in case the regular stations are abandoned or destroyed.

a. Philippine Islands
b. Hawaii (Kauai)
c. Central China
d. British Isles
e. South West Europe
f. North Africa
g. West Coast
h. East Coast

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3. Each of these "Portable" units should be staffed, when operation is necessary, with the following personnel:

a. 1 Radio Engineer, P-4
b. 1 Radio Engineer, P-3
c. 8 Monitoring technician (Voice and Morse) CAF-8
d. 1 Maintenance Technician, SP-8
e. Necessary monitors, editors and teletypists.

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4. A wartime plan for FBIB should include a complete communications system for the collection of material from and administration of all field operations. It can be assumed the military channels will become loaded beyond capacity immediately with their own traffic. This plan will call for Radio teletype transmitting or relay stations at the following locations:

a. Relay Stations (Sending to and receiving from several points.)

25X1 (1) [redacted] for the European area.
25X1 (2) [redacted] for the Pacific
(3) Hawaii

b. Transmitting Stations (Sending to and receiving from one point.)

(1) Philippines
(2) Central China
(3) British Isles
(4) South West Europe
(5) North Africa
(6) Delhi, India
(7) Canal Zone
(8) Australia

5. Each of the Communications stations of paragraph "4" could be combined with other CIA activities if FBIB operations were not hindered. Each of such stations would need the following personnel:

a. Relay Station

(1) 1 Radio Engineer, P-4
(2) 1 Radio Engineer, P-3
(3) 4 Radio Engineers, P-2
(4) 5 Teletype operators.

b. Transmitting Station

(1) 1 Radio Engineer, P-4
(2) 1 Radio Engineer, P-3
(3) 4 Radio Engineers, P-2

6. Recruiting of engineers could be done from Domestic Radio Broadcasting stations and from senior classes at colleges.

7. An evacuation and dispersal plan should be worked out for all overseas stations. This should include a well worked out plan for demolition of facilities in case evacuation of same were not possible.

8. Equipment for all facilities in paragraph's "1" and "4" should be on hand on "attack day" at some mainland field warehouse.

9. The cost of equipment needed to implement paragraph's "1" and "4" would be approximately two million dollars.

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10. Additional personnel would be required at all field stations not closed by attack. Such stations would exhibit first effort of FBIB to increase coverage or take over some coverage of closed stations.

[redacted]

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